TCM

LiTE

RT20LHU

SIT-ON REACH TRUCK

2.0 TON



CONTROLLED REACH PERFORMANCE

Designed for demanding warehouse operations, the RT20LHU sit-on reach truck delivers stable lifting, accurate positioning and efficient travel within narrow aisles. Built with a rigid structure and responsive control system, it supports consistent handling performance while maintaining operator confidence throughout daily operations.

STRUCTURAL CONFIDENCE

- Reinforced mast structure improves overall rigidity and lifting stability
- Optimised chassis design balances weight distribution for safer operation
- Stable frame minimises sway during elevation and forward reach
- Durable construction supports long-term operational reliability

CONTROLLED HANDLING

- Precise lifting system ensures smooth vertical movement
- Forward reach mechanism enables accurate pallet positioning
- Stable mast transition maintains load balance at height
- Responsive hydraulic control improves placement accuracy



PERFORMANCE

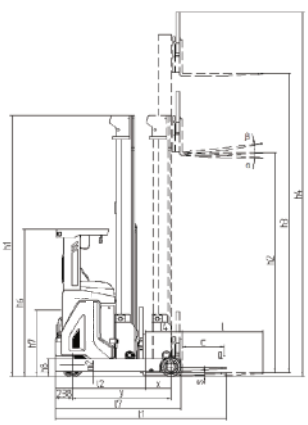
- Efficient lifting and lowering improves work cycle productivity
- Optimised drive system supports consistent travel performance
- Energy-saving configuration reduces operational consumption
- Designed for continuous operation across varied workloads

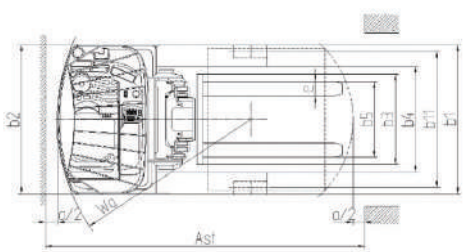
OPERATOR SAFETY

- Speed reduction during turning enhances operational safety
- Stable mast design maintains load control at height
- Smooth acceleration and braking improve machine handling
- Integrated protection systems support safe daily operation

SPECIFICATIONS

CHARACTERISTICS				
1.1	Manufacturer			**TCM Forklift Truck**
1.2	Manufaturer's type designation			**RT20LHU**
1.3	Drive			Electric
1.4	Operator type			Operator Seated
1.5	Load capacity/rated load	Q	kg	2000
1.6	Load centre	c	mm	600
1.7	Load distance, centre of support arm wheel to face of forks	x	mm	405 / 234
1.8	Wheelbase	y	mm	1590
WEIGHT				
2.1	Service weight (including battery)		kg	5200
WHEELS				
3.1	Drive/support arm wheel		mm	Polyurethane
3.2	Wheel size, front	Øxw	mm	Ø 400 x 160
3.3	Wheel size, rear	Øxw	mm	Ø 330 x 140
3.4	Wheels, number front/rear (x = number of driven wheels)			1x / 2
3.5	Track width, rear	b10	mm	1290
DIMENSIONS				
4.1	Tilt of fork, forward/backward	α/β	(°)	4° / -2°
4.2	Height, mast extended	h1	mm	4900
4.3	Free lift	h2	mm	4290
4.4	Lift height	h3	mm	12500
4.5	Extended mast height	h4	mm	13410
4.6	Overhead guard height (cab)	h6	mm	2200
4.7	Seat height	h7	mm	1100
4.8	Height of support arms	h8	mm	270
4.9	Height of lowered forks	h13	mm	40
4.10	Overall length	l1	mm	2580
4.11	Length to face of forks	l2	mm	1430
4.12	Overall width	b1	mm	1430 / 1270
4.13	Fork dimensions	s / e / l	mm	40 / 120 / 1150
4.14	Fork carriage ISO2328, class/type A, B			2 / A
4.15	Width across forks	b5	mm	200 / 740
4.16	Distance between support arms	b4	mm	1000
4.17	Reach distance	l4	mm	640
4.18	Ground clearance, with load, below mast	m1	mm	90
4.19	Gound clearance, centre of wheelbase	m2	mm	75
4.20	Aisle width for pallets 1000×1200 crossways	Ast	mm	2880
4.21	Aisle width for pallets 800×1200 lengthways	Ast	mm	2975
4.22	Turning radius	Wa	mm	1840
4.23	Length across support arms	l7	mm	2000
PERFORMANCE				
5.1	Travel speed, with / without load		km / h	10 / 11
5.2	Lift speed, with / without load		m / s	0.35 / 0.5
5.3	Lowering speed, with / without load		m / s	0.45 / 0.45
5.4	Reach speed, with / without load		m / s	0.1 / 0.1
5.5	Max. gradeability, with / without load		%	10 / 10
5.6	Service brake			Hydraulic / Electric
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min		kW	7
6.2	Lift motor rating at S3 15%		kW	12.5
6.3	Battery voltage, nominal capacity K5		V / Ah	48 / 700
6.4	Battery weight		kg	1145
OTHER DETAILS				
7.1	Type of drive control			AC
7.2	Sound level at driver's ear according to EN 12 053		dB(A)	68







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Digital Brochure

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Note:
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Features and specification may vary depending on markets.
Performance data and dimensions are normal and subject to tolerances.
Produced in ISO certified factory.

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